**Answer Key**

1.

2.

3. B

4. B

5. D

6.



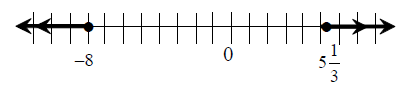
7. and



8.



9. or



10 – 12. Check the students’ graphs

13.

14. Yes, No

15. No, Yes

16. Lines intersect at

Check student graphs

17. Lines intersect at

Check student graphs

18.

19.

20.

21.

22. 4 CD’s

23. 180 - $4 tickets

270 - $6 tickets

24. 3 buses & 5 minivans

25. no solution

26. Infinitely Many Solutions

**Answer Key**

1. 
2. 
3. 
4. C
5. A
6. A
7. C
8. 
9. 
10. B
11. 
12. 
13. 
14. C
15. A
16. 
17. 
18. 
19. 
20. -2x(2x2 + 9y)
21. 9*x*(*x*+2)
22. C
23. C
24. D
25. D
26. B
27. D
28. A
29. A
30. D
31. 
32. 
33. 
34. 
35. 
36. 
37. x =
38. a = -15
39. a) Mean = 82.8,

Median = 88,  
 Mode = 94, 89, 77

b) 

c) 1:2

1. a) True

b) True

c) True

d) False

e) False

1. 
2. 
3. 81.7% and the difference is 1.